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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of: Thumpudi et al.

**Application No.** 10/642,550

**Filed:** August 15, 2003

**Confirmation No.** 4585

**For:** MULTI-CHANNEL AUDIO ENCODING  
AND DECODING

**Examiner:** Not yet assigned

**Art Unit:** 2641

**Attorney Reference No.** 3382-65133-01

**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney or Agent  
for Applicant(s)

Date Mailed August 9, 2006

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Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS.

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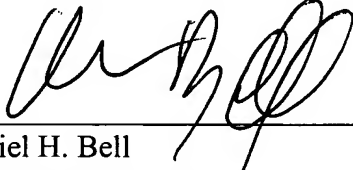
The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

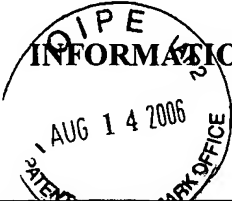
Respectfully submitted,

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	Attorney Docket Number	3382-65133-01
	Application Number	10/642,550
	Filing Date	August 15, 2003
	First Named Inventor	Thumpudi
	Art Unit	2641
	Examiner Name	Not yet assigned

### U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Issue Date	Name of Applicant or Patentee
		5,524,054	06-1996	Spille
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\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Attorney Docket Number	3382-65133-01
	Application Number	10/642,550
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	First Named Inventor	Thumpudi
	Art Unit	2641
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### FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
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		Europe	EP 0669724	08-1995	Akagiri
		WIPO	WO 99/43110	08-1999	Absar et al.

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		Bier, "Digital Audio Compression: Why, What, and How," © 2000-2002 Berkeley Design Technology, Inc., 12/2/2002, 15 pages.
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		Search Report for European Patent Application No. 03 020 110.7.

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		Search Report for European Patent Application No. 03 020 111.5.
		"Smart Project - Algebraic Theory of Signal Processing," <a href="http://www.ece.cmu.edu/~smart/papers/dttaglo.html">http://www.ece.cmu.edu/~smart/papers/dttaglo.html</a> , printed from internet on 6/30/2006, 2 pages.
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